User Manual

Li-Ion Charger 452240-L Series

CELL-CON

INSTRUCTIONS FOR USE

READ THESE INSTRUCTIONS BEFORE USING THE CHARGER

This product is designed for indoor use only and should not come into contact with water or dust. To prevent overheating the product should not be covered during use.

The mains socket should be easily accessible. In the even of operational error, the plug should be immediately removed from the socket.

This charger is designed for use with Lithium-ion batteries. For safety reasons, this charger must be used only for batteries which have the right number of cells in series: Output voltage divided by 4.1V or 4.2V.

The product contains dangerous voltages and the cover should not be removed. All service or maintenance work should be carried out by qualified personnel who can get assistance by contacting the manufacturer's agent.

A fuse protects the product against short circuiting and overloading.

In the event that the charger has this symbol on it, it is double-insulated (in insulation class II).

If the battery charger is mounted in a vehicle it can only be used when the vehicle is not in use.

If the product is labelled "EN60601-1" it complies with the requirements of electromedical equipment and can be used in hospital environments, etc. The product should not be used in the vicinity of flammable anaesthesia gases.

If the product has plastic casing, avoid it coming into contact with oils, grease etc., as most types of plastic can be broken down by chemicals and solvents.

Technical specification: See product labeling.

CHARGING INSTRUCTIONS

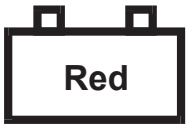
1. Do not connect the charger to the mains before it is connected to the battery.
2. Observe correct polarity when connecting to the battery terminals.
3. Connect the charger to the mains.
4. When charging is complete, disconnect from the mains before removing battery connections.

WARNING

The charger has internal fuses which blow if a fault occurs in the charger. In addition, the charger is equipped with a fuse switch, which cuts off the unit in the case of reverse polarity connection to the battery. Such faults must be repaired by qualified service personnel.

LED's INDICATE FOLLOWING CHARGE STATUS

Fast charge
The charger is in constant current mode.
Charge current is maximum.



Final charge
The charger is in constant voltage mode.
Charge current is less than maximum.
The battery is normally 80-95% charged.
The charger stays in this mode until the charge current decreases to charge termination level.

Charge completed
The charge is stopped.
Charge current is zero.
LED-indicator changes to green.

Charging diagram